Appl. No. 10/021,843
Amdt. Dated April 25, 2006
Reply to Office action of January 25, 2006

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the above-identified patent application.

LISTING OF THE CLAIMS

1.   (currently amended) A Radio Frequency IDentification (RFID) extension for a mobile computer lacking RFID functionality, comprising:
a battery;
circuitry coupled to said battery for providing the (RFID) functionality, said circuitry including at least one of an electromagnetic transceiver and a RFID air interface decoder; and
modular attachment interface for selectively coupling the mobile computer to said circuitry such that the mobile computer has access to the RFID functionality provided by the circuitry when the mobile computer is coupled to said modular attachment interface.

2.   (previously presented) The RFID extension for the mobile computer lacking RFID functionality as in claim 1, further comprising a bar code scanner coupled to said modular attachment interface such that the mobile computer has access to data encoded in a bar code symbol scanned by said bar code scanner when the mobile computer is coupled to said modular attachment interface.

3.   (previously presented) The RFID extension for the mobile computer lacking RFID functionality as in claim 1, wherein the circuitry for providing the RFID functionality further comprises an electromagnetic transceiver.

4.   (previously presented) The RFID extension for the mobile computer lacking RFID functionality as in claim 3, wherein the circuitry for providing the RFID functionality further comprises a RFID air interface decoder.

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5.   (currently amended) A system, comprising:

a mobile computer lacking radio frequency identification (RFID) functionality and comprising a first modular attachment interface; and

a RFID extension for said mobile computer for selectively providing the RFID functionality to said mobile computer, said RFID extension comprising:

circuitry configured to provide the RFID functionality, said circuitry including at least one of an electromagnetic transceiver and a RFID air interface decoder; and

a second modular attachment interface for selectively coupling to said first modular attachment interface such that the mobile computer has access to the RFID functionality provided by said circuitry when said second modular attachment interface is coupled to said first modular attachment interface.

6.   (previously presented) The system as in claim 5, wherein said RFID extension further comprises:

a bar code scanner coupled to said second modular attachment interface such that said · mobile computer has access to data encoded in a bar code symbol scanned by said bar code scanner when said second modular attachment interface is coupled to said first modular attachment interface.

7.   (previously presented) The system as in claim 5, wherein said circuitry for providing the RFID functionality comprises an electromagnetic transceiver.

8.   (previously presented) The system as in claim 7, wherein said circuitry for providing the RFID functionality further comprises a radio frequency identification air interface decoder.

9. ·   (previously presented) The system as in claim 7, further comprising a RFID tag that can be scanned by said RFID extension when said RFID extension and said RFID tag are separated by a distance greater than about twelve (12) inches.

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10.   (cancelled)

11.   (cancelled)

12.   (cancelled)

13.   (cancelled)

14.   (currently amended) A system, comprising:

a mobile computer lacking radio frequency identification (RFID) functionality and comprising a first modular attachment interface and a radio module;

a RFID extension for said mobile computer for selectively providing the RFID functionality for said mobile computer, said RFID extension comprising:

circuitry for providing the RFID functionality, said circuitry including at least one of an electromagnetic transceiver and a RFID air interface decoder; and

a second modular attachment interface for coupling to said first modular attachment interface such that the mobile computer has access to the RFID functionality provided by said circuitry when said second modular attachment interface is coupled to said first modular attachment interface;

a wired network; and

an access point, for transmitting transmission data from said wired network to said mobile computers via a wireless medium and receiving reception data from said mobile computers to said wired network via said wireless medium and also for forming a transmission area that includes a space where association to said access point is possible by said mobile computer.

15.   (original) The system as in claim 14, wherein the transmission data and the reception data use a TCP/IP protocol, and wherein the wired network is connected to the internet.

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16. (currently amended) The system as in claim 14, wherein the RFID extension further comprises:

a bar code scanner coupled to said modular attachment interface such that the mobile computer has access to data encoded in a bar code symbol scanned by said bar code scanner when the first modular attachment interface is coupled to said second modular attachment interface.

17. (previously presented) The system as in claim 14, wherein the circuitry for providing said RFID functionality comprises an electromagnetic transceiver.

18. (previously presented) The system as in claim 17, wherein the circuitry for providing said RFID functionality further comprises a radio frequency identification air interface decoder.

19. (previously presented) The system as in claim 18, further a RFID tag that can be scanned by said RFID extension when said RFID extension and said RFID tag are separated by a distance greater than about twelve (12) inches.

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